

Comparisons of Job Characteristics

Focus Occupation: Firefighters (33-2011)

Associated Occupation: First-Line Supervisors of Fire Fighting and Prevention Workers (33-1021)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge

Similarity of Focus Occupation to Associated Occupation: 91

Focus Occupation: Firefighters (33-2011)

Associated Occupation: First-Line Supervisors of Fire Fighting and Prevention Workers (33-1021)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Public Safety and Security	6.9	18.4	15.5	< Expanded education and/or training may be required
Customer and Personal Service	11.3	17.6	16.3	0 Current knowledge level may be sufficient
Education and Training	9.2	15.0	13.9	0 Current knowledge level may be sufficient
Building and Construction	4.0	13.9	11.3	< Expanded education and/or training may be required
Personnel and Human Resources	5.6	11.9	8.6	<< Extensive education and/or training may be required
Geography	3.9	8.4	11.6	>> Current knowledge level is likely more than sufficient
Telecommunications	3.9	7.9	8.8	> Current knowledge level is likely sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 80

Focus Occupation: Firefighters (33-2011)

Associated Occupation: First-Line Supervisors of Fire Fighting and Prevention Workers (33-1021)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Monitoring	9.9	13.4	11.6	< A higher skill level may be required
Coordination	9.1	13.3	12.0	< A higher skill level may be required
Judgment and Decision Making	9.4	12.9	10.5	< A higher skill level may be required

Time Management	8.9	12.5	9.5	<<	Extensive development of skills in this area may be required
Management of Personnel Resources	6.9	12.0	7.2	<<	Extensive development of skills in this area may be required
Systems Evaluation	6.4	9.9	7.3	<<	Extensive development of skills in this area may be required
Operations Analysis	5.0	8.9	3.2	<<	Extensive development of skills in this area may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities

Similarity of Focus Occupation to Associated Occupation: 74

Focus Occupation: Firefighters (33-2011)

Associated Occupation: First-Line Supervisors of Fire Fighting and Prevention Workers (33-1021)

Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Problem Sensitivity	11.1	14.9	13.4	<	Some improvement in abilities may be required
Far Vision	7.8	12.3	11.0	<	Some improvement in abilities may be required
Time Sharing	6.6	9.6	9.9	0	Current ability level may be sufficient
Speed of Closure	5.9	9.2	8.7	0	Current ability level may be sufficient
Stamina	4.0	8.7	11.6	>>	Current ability level is likely more than sufficient
Glare Sensitivity	2.6	7.9	7.5	0	Current ability level may be sufficient
Spatial Orientation	2.7	7.1	9.5	>>	Current ability level is likely more than sufficient
Speed of Limb Movement	3.2	7.1	10.0	>>	Current ability level is likely more than sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: 88

Focus Occupation: Firefighters (33-2011)

Associated Occupation: First-Line Supervisors of Fire Fighting and Prevention Workers (33-1021)

Work Activities	Exclusivity of Activity
Communicate technical information	4
Control and extinguish municipal or forest fires	89
Determine best method for attacking fire	92
Estimate size or characteristics of fire	92
Observe fire to note changing conditions	92
Parachute from aircraft	99
Read maps	42

Use oral or written communication techniques	1
Use two-way radio or mobile phone	42
Work as a team member	36

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus
Occupation to Associated
Occupation: 95

Focus Occupation: Firefighters (33-2011)

Associated Occupation: First-Line Supervisors of Fire Fighting and Prevention Workers (33-1021)

Tools and Technologies	Exclusivity
Aerial lifts	13
Agricultural machinery for harvesting	35
Air circulation and parts and accessories	40
Audio and visual equipment	4
Blood pressure units and related products	11
Business function specific software	1
Cameras	2
Computers	1
Content authoring and editing software	1
Cutting and crimping and punching tools	3
Data management and query software	1
Dock equipment	40
Earth moving machinery	11
Electrocardiography EKG units and related products	20
Emergency and field medical services kits	19
Emergency medical services airway management equipment	56
Emergency medical services extricating and immobilizing and transporting products	35
Emergency medical services resuscitation products	15
Face and head protection	7
Fall protection	16
Fire fighting equipment	16
Forming tools	2
Garden tools	12
Gas analyzers and monitors	10
Geophysical and geotechnical instruments	23
Humidity and moisture measuring instruments	15
Igniters	47
Indicating and recording instruments	2
Industry specific software	1
Information exchange software	1
Ladders and scaffolding	6
Lifting equipment and accessories	3
Meteorological instruments	16

Network applications software	1
Oxygen therapy delivery systems and devices	13
Patient point of care testing supplies and equipment	23
Personal communication devices	2
Pneumatic tools	8
Power generators	16
Power tools	2
Product and material trailers	24
Prying and bending tools	10
Pulse oximeters	18
Pumps	9
Pyrotechnics	47
Respiratory protection	6
Resuscitation supplies	29
Ropes	80
Safety and rescue vehicles	37
Safety and rescue water craft	56
Safety apparel	4
Safety footwear	21
Security and control equipment	30
Specialized and recreational vehicles	17
Stethoscopes and related products	14
Temperature and heat measuring instruments	6
Ventilation	47
Viewing and observing instruments and accessories	4
Vision protection and accessories	3
Water safety	51
Wrenches and drivers	2

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.